



9-25-00

A

Please type a plus sign (+) inside this box [+]

PTO/SB/05 (12/97)

Approved for use through 09/30/00. OMB 0651-0034

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



**UTILITY PATENT APPLICATION TRANSMITTAL**  
(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 015685.P068

Total Pages 2

First Named Inventor or Application Identifier Paul Petrus

Express Mail Label No. EL414998914US

**ADDRESS TO:** Assistant Commissioner for Patents  
Box Patent Application  
Washington, D. C. 20231

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. X Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. X Specification (Total Pages 36)  
(preferred arrangement set forth below)
  - Descriptive Title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claims
  - Abstract of the Disclosure
3. X Drawings(s) (35 USC 113) (Total Sheets 8)
4. X Oath or Declaration (Total Pages 5)
  - a. X Newly Executed (Original or Copy)
  - b.      Copy from a Prior Application (37 CFR 1.63(d))  
(for Continuation/Divisional with Box 17 completed) (**Note Box 5 below**)
  - i.      DELETIONS OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5.      Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6.      Microfiche Computer Program (Appendix)

09/22/00 09/22/00 09/22/00

7. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a. ☐ Computer Readable Copy  
b. ☐ Paper Copy (identical to computer copy)  
c. ☐ Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

8. ☒ Assignment Papers (cover sheet & documents(s))  
9. ☐ a. 37 CFR 3.73(b) Statement (where there is an assignee)  
☒ b. Power of Attorney  
10. ☐ English Translation Document (if applicable)  
11. ☒ a. Information Disclosure Statement (IDS)/PTO-1449  
☒ b. Copies of IDS Citations  
12. ☐ Preliminary Amendment  
13. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  
14. ☐ a. Small Entity Statement(s)  
b. Statement filed in prior application, Status still proper and desired  
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)  
16. ☒ Other: separate sheet with title, express mail label, copy of postcard and attorney's  
signature

17. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information:  
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)  
of prior application No:

**18. Correspondence Address**

☐ Customer Number or Bar Code Label   
(Insert Customer No. or Attach Bar Code Label here)  
or

☒ Correspondence Address Below

NAME James Y. Go  
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

ADDRESS 12400 Wilshire Boulevard  
Seventh Floor

CITY Los Angeles STATE California ZIP CODE 90025-1026  
Country U.S.A. TELEPHONE (425) 827-8600 FAX (425) 827-5644

Express Mail Label: EL414998914US

12/01/97

-2-

PTO/SB/05 (12/97)

Approved for use through 09/30/00. OMB 0651-0032  
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

## FEE TRANSMITTAL FOR FY 2000

TOTAL AMOUNT OF PAYMENT (\$) 1,366.00

**Complete if Known:**

Application No. New Application  
Filing Date Herewith  
First Named Inventor Paul Petrus  
Group Art Unit \_\_\_\_\_  
Examiner Name \_\_\_\_\_  
Attorney Docket No. 015685.P068

**METHOD OF PAYMENT (check one)**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-2666  
Deposit Account Name \_\_\_\_\_

☐ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

2. ☒ Payment Enclosed:  
☒ Check  
☐ Money Order  
☐ Other

**FEE CALCULATION**

**1. BASIC FILING FEE**

| Large Entity    |          | Small Entity |          | Fee Description                    | Fee Paid      |
|-----------------|----------|--------------|----------|------------------------------------|---------------|
| Code            | Fee (\$) | Code         | Fee (\$) |                                    |               |
| 101             | 690      | 201          | 345      | Utility application filing fee     | <u>690.00</u> |
| 106             | 310      | 206          | 155      | Design application filing fee      | _____         |
| 107             | 480      | 207          | 240      | Plant filing fee                   | _____         |
| 108             | 690      | 208          | 345      | Reissue filing fee                 | _____         |
| 114             | 150      | 214          | 75       | Provisional application filing fee | _____         |
| SUBTOTAL (1) \$ |          |              |          |                                    | _____         |

**2. EXTRA CLAIM FEES**

|                    |           | Extra Claims       | Fee from below | Fee Paid        |
|--------------------|-----------|--------------------|----------------|-----------------|
| Total Claims       | <u>38</u> | - 20** = <u>18</u> | X <u>18.00</u> | = <u>324.00</u> |
| Independent Claims | <u>7</u>  | - 3** = <u>4</u>   | X <u>78.00</u> | = <u>312.00</u> |
| Multiple Dependent |           |                    | _____          | = _____         |

\*\*Or number previously paid, if greater; For Reissues, see below.

| Large Entity                  |          | Small Entity |          | Fee Description   |
|-------------------------------|----------|--------------|----------|---|
| Code                          | Fee (\$) | Code         | Fee (\$) |   |
| 103                           | 18       | 203          | 9        | Claims in excess of 20                                    |
| 102                           | 78       | 202          | 39       | Independent claims in excess of 3                         |
| 104                           | 260      | 204          | 130      | Multiple dependent claim, if not paid                     |
| 109                           | 78       | 209          | 39       | **Reissue independent claims over original patent         |
| 110                           | 18       | 210          | 9        | **Reissue claims in excess of 20 and over original patent |
| SUBTOTAL (2) \$ <u>636.00</u> |          |              |          |   |

**FEE CALCULATION (continued)**

### 3. ADDITIONAL FEES

| <u>Large Entity</u>       |                 | <u>Small Entity</u> |                 | <u>Fee Description</u>   | <u>Fee Paid</u> |
|---------------------------|-----------------|---------------------|-----------------|--|-----------------|
| <u>Fee Code</u>           | <u>Fee (\$)</u> | <u>Fee Code</u>     | <u>Fee (\$)</u> |  |                 |
| 105                       | 130             | 205                 | 65              | Surcharge - late filing fee or oath  |                 |
| 127                       | 50              | 227                 | 25              | Surcharge - late provisional filing fee or cover sheet                     |                 |
| 139                       | 130             | 139                 | 130             | Non-English specification  |                 |
| 147                       | 2,520           | 147                 | 2,520           | For filing a request for reexamination                                     |                 |
| 112                       | 920*            | 112                 | 920*            | Requesting publication of SIR prior to Examiner action                     |                 |
| 113                       | 1,840*          | 113                 | 1,840*          | Requesting publication of SIR after Examiner action                        |                 |
| 115                       | 110             | 215                 | 55              | Extension for response within first month                                  |                 |
| 116                       | 380             | 216                 | 190             | Extension for response within second month                                 |                 |
| 117                       | 870             | 217                 | 435             | Extension for response within third month                                  |                 |
| 118                       | 1,360           | 218                 | 680             | Extension for response within fourth month                                 |                 |
| 128                       | 1,850           | 228                 | 925             | Extension for response within fifth month                                  |                 |
| 119                       | 300             | 219                 | 150             | Notice of Appeal   |                 |
| 120                       | 300             | 220                 | 150             | Filing a brief in support of an appeal                                     |                 |
| 121                       | 260             | 221                 | 130             | Request for oral hearing   |                 |
| 138                       | 1,510           | 138                 | 1,510           | Petition to institute a public use proceeding                              |                 |
| 140                       | 110             | 240                 | 55              | Petition to revive unavoidably abandoned application                       |                 |
| 141                       | 1,210           | 241                 | 605             | Petition to revive unintentionally abandoned application                   |                 |
| 142                       | 1,210           | 242                 | 605             | Utility issue fee (or reissue)   |                 |
| 143                       | 430             | 243                 | 215             | Design issue fee   |                 |
| 144                       | 580             | 244                 | 290             | Plant issue fee  |                 |
| 122                       | 130             | 122                 | 130             | Petitions to the Commissioner  |                 |
| 123                       | 50              | 123                 | 50              | Petitions related to provisional applications                              |                 |
| 126                       | 240             | 126                 | 240             | Submission of Information Disclosure Stmt                                  |                 |
| 581                       | 40              | 581                 | 40              | Recording each patent assignment per property (times number of properties) | 40.00           |
| 146                       | 760             | 246                 | 380             | For filing a submission after final rejection (see 37 CFR 1.129(a))        |                 |
| 149                       | 760             | 249                 | 380             | For each additional invention to be examined (see 37 CFR 1.129(a))         |                 |
| Other fee (specify) _____ |                 |                     |                 |  |                 |
| Other fee (specify) _____ |                 |                     |                 |  |                 |

**SUBTOTAL (3) \$ 40.00**

\*Reduced by Basic Filing Fee Paid

#### SUBMITTED BY:

Typed or Printed Name: James Y. Go

Signature: [Signature] Date: 9-22-00

Reg. Number: 40,621 Deposit Account User ID: \_\_\_\_\_ (complete if applicable)

Our Reference: 015685.P068

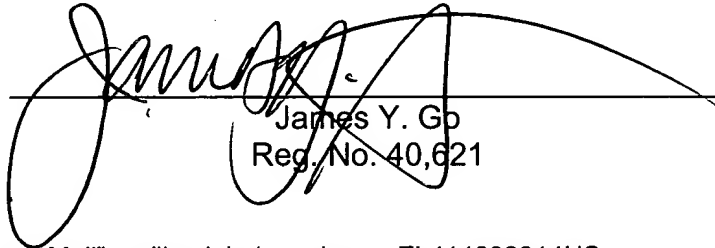
Patent

METHOD AND APPARATUS FOR DETERMINING AN OPERATING CONDITION IN A  
COMMUNICATIONS SYSTEM

Inventors: Paul Petrus

Respectfully submitted,

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP

  
James Y. Go  
Reg. No. 40,621

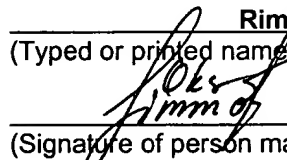
"Express Mail" mailing label number: EL414998914US

Date of Deposit: September 22, 2000

I hereby certify that I am causing this paper or fee to be deposited with  
the United States Postal Service "Express Mail Post Office to Addressee"  
service on the date indicated above and that this paper or fee has been  
addressed to the Assistant Commissioner for Patents, Washington, D. C.  
20231

Rimma N. Oks

(Typed or printed name of person mailing paper or fee)

  
(Signature of person mailing paper or fee)

09-22-00

(Date signed)

Serial/Patent No.: Not Yet Assigned Filing/Issue Date: Herewith  
Client: ArrayComm, Inc.  
Title: METHOD AND APPARATUS FOR DETERMINING AN OPERATING CONDITION  
IN A COMMUNICATIONS SYSTEMS  
BSTZ File No.: 015685.P068 Atty/Secty Initials: JYG/rno  
Date Mailed: September 22, 2000 Docket Due Date:

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- |  |   |
|--|---|
| <input type="checkbox"/> Amendment/Response (___pgs.)  | <input checked="" type="checkbox"/> Express Mail No. <u>EL414998914US</u> Check No. <u>000701</u> |
| <input type="checkbox"/> Appeal Brief (___pgs.) (in triplicate)  | <input type="checkbox"/> ___ Month(s) Extension of Time Amt: <u>\$1,366.00</u>                    |
| <input checked="" type="checkbox"/> Application - Utility ( <u>36</u> pgs., with cover and abstract)     | <input checked="" type="checkbox"/> Information Disclosure  |
| <input type="checkbox"/> Application - Rule 1.53(b) Continuation (___pgs.)                               | Statement & PTO-1449 ( <u>5</u> pgs.) <input type="checkbox"/> Check No. ___                      |
| <input type="checkbox"/> Application - Rule 1.53(b) Divisional (___pgs.)                                 | <input type="checkbox"/> Issue Fee Transmittal Amt: ___   |
| <input type="checkbox"/> Application - Rule 1.53(b) CIP (___pgs.)  | <input type="checkbox"/> Notice of Appeal   |
| <input type="checkbox"/> Application - Rule 1.53(d) CPA Transmittal (___pgs.)                            | <input type="checkbox"/> Petition for Extension of Time   |
| <input type="checkbox"/> Application - Design (___pgs.)  | <input type="checkbox"/> Petition for ___   |
| <input type="checkbox"/> Application - PCT (___pgs.)   | <input checked="" type="checkbox"/> Postcard  |
| <input type="checkbox"/> Application - Provisional (___pgs.)   | <input type="checkbox"/> Power of Attorney (___pgs.)  |
| <input checked="" type="checkbox"/> Assignment and Cover Sheet   | <input type="checkbox"/> Preliminary Amendment (___pgs.)  |
| <input checked="" type="checkbox"/> Certificate of Mailing   | <input type="checkbox"/> Reply Brief (___pgs.)  |
| <input checked="" type="checkbox"/> Declaration & POA ( <u>5</u> pgs.)                                   | <input type="checkbox"/> Response to Notice of Missing Parts                                      |
| <input type="checkbox"/> Disclosure Docs & Orig &  | <input type="checkbox"/> Small Entity Declaration for Indep. Inventor/Small Business              |
| Copy of Inventor's Signed Letter (___pgs.)   | <input checked="" type="checkbox"/> Transmittal Letter, in duplicate ( <u>2</u> pgs each)         |
| <input checked="" type="checkbox"/> Drawings: <u>8</u> # of sheets includes <u>8</u> figures             | <input checked="" type="checkbox"/> Fee Transmittal, in duplicate ( <u>2</u> pgs each)            |
| <input checked="" type="checkbox"/> Other <u>* copies of (4) cited references; * separate sheet with</u> |   |
| <u>express mail label, copy of postcard and attorney's signature (1pg)</u>                               |   |

Jc917 U.S. PTO  
09/668664  
09/22/00